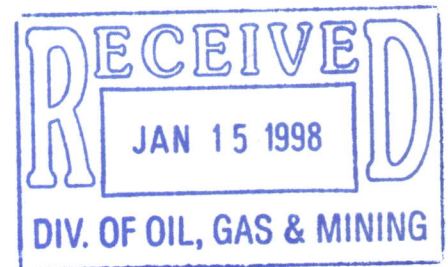


m/023/024

ASH GROVE CEMENT COMPANY

Western Region
P.O. Box 51
Nephi, Utah 84648
435-857-1212



January 13, 1998

Mr. Tom Munson
Senior Reclamation Specialist
Department of Natural Resources
1594 North Temple, Suite 1210
Box 145801
SLC, Utah 84114-5801

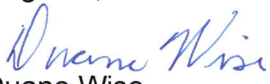
RE: County Canyon Mining Plan -- M/023/024 (re-submittal of Seed Mix)

Mr. Munson,

In response to your phone call of January 8, 1998, we are re-sending two (2) copies of our revised page 10 & 11 of the County Canyon Mining Plan. This revision includes the addition of the new state suggested seed mix that was initially revised on December 29, 1997.

Please remove pages 10 and 11 of your existing proposal and replace with the enclosed pages 10 and 11. Thanks for your help in this matter. If you have any questions or need additional information please call.

Regards,


Duane Wise
Engineering Department

Cc: Duane Crutchfield, Plant Manager
File

Please outline any proposed changes to the originally approved reclamation plan. Appropriate sections of Rule R647-4-110 must be addressed as they may apply to the proposed change(s) in mining operations.

1. List current land use(s) other than mining: No other use known at this time WILDLIFE AND GRAZING PER DUANE CRUTCHFIELD PHONE CALL 1/16/98
2. List future post-reclamation land use(s) proposed: Same as current
3. Describe each phase of reclamation of the minesite in detail under the following categories:

(a) DIPOSAL OF TRASH

Describe how buildings, foundations, trash and other waste materials will be disposed of. No building will be built, temporary or otherwise All trash will be removed from premises by the miner.

(b) BACKFILLING AND GRADING

Describe equipment and methods to be employed, amount of materials to be moved and final disposition of any stockpiled material. A D-7 Dozer (or larger) with rippers will be used for final grading. As mining progresses in a northeast direction, approximate final high-wall configuration and final pit floor grading are established so that final shaping will be minimal. Topsoil like materials (18,553 yds.) will be redistributed by blading with the dozer from the northwesterly and southeasterly depositions.

(c) SOIL MATERIAL REPLACEMENT

In order to re-establish the required ground cover, 4-6 inches (depending on underlying material) of suitable soil material usually has to be redistributed on the areas to be re-seeded. If the stockpiled soil isn't sufficient for this, soil borrow areas will need to be located.

How much soil material is planned to be put on the area to be re-seeded? 4" inches

Where will this material come from? Two stockpiles; One located at the north limits of the existing pit and the other stockpile located in the southeast corner of the pit.

How will it be transported and spread? With a Dozer

(d) SEED BED PREPARATION

Describe how the seedbed will be prepared and equipment to be used.

A 200 H.P. Dozer will be utilized to rip, spread, and grade final pit configuration.

(The Division recommends ripping or disking six inches deep)

(e) SEED MIXTURE - List the species to be seeded

The following seed mixture will be drilled at the rate of 14.85 pounds per acre. "Certified," pure live seed will be used.

| SEED MIXTURE NAME | lbs/acre |
|--|----------|
| Slender Wheatgrass (<i>Agropyron trachycaulum</i>) | 2.0 |
| Mountain Brome (<i>Bromus marginatus</i>) | 2.0 |
| Basin Wildrye (<i>Elymus Conereus</i>) | 2.0 |
| Indian Ricegrass (<i>Oryzopsis Hymenoides</i>) | 1.5 |
| Small Burnet (<i>Sanguisorba Minor</i>) | 1.5 |
| Ladak Alfalfa (<i>Medicago Sativa</i>) | 1.5 |

| <u>SEED MIXTURE NAME (Cont.)</u> | <u>lbs/acre</u> |
|---|-----------------|
| 'Piute' Orchard Grass (<i>Dactylis Glomerata</i>) | 1.0 |
| Lewis Flax (<i>Linum Lewisii</i>) | 1.0 |
| Bitterbrush (<i>Purshia Tridentata</i>) | 1.0 |
| Yellow Sweetclover (<i>Melilotus Officinalis</i>) | 0.5 |
| Palmer Penstemon (<i>Penstemon Palmerii</i>) | 0.5 |
| Rubber Rabbitbrush (<i>Chrysothamnus Nauseosus</i>) | 0.25 |
| Mountain Bib Sagebrush (<i>Artemisia tridentata vaseyana</i>) | 0.1 |

If it is not possible to drill the seed because of slope limitations, then the seed can be broadcast, the application rate will be doubled. After broadcasting, the land will be lightly harrowed to bed the seeds.

The seed mixture below, which is in addition to the above seed mixture, will not pass through a drill but can be seeded with a dribbler in conjunction with drilling or it may be broadcast.

| <u>SEED MIXTURE</u> | <u>lbs/acre</u> |
|---|-----------------|
| Fourwing saltbush (<i>Atriplex canescens</i>) | 1 |

(g) FERTILIZATION

Describe fertilization method and rate. 200 lbs per acre Diammonium phosphate will be broadcast over the area.

(f) OTHER REVEGETATION PROCEDURES

If other reclamation procedures, such as mulching, irrigation, etc., are planned, describe them. None are anticipated.

VII. SURETY (Rule 647-4-113)

Reclamation Surety:

Indicate whether the proposed activities will change the amount of work required to reclaim the mine-site. If significant changes will result, then an itemized reclamation cost estimate should be provided (and attached) with direct reference to the specifics of the proposed change(s). This information will be used to assist the Division in determining any reclamation surety adjustments required for the operation.

See Attachment III - RECLAMATION SURETY. Upon approval of surety, Ash Grove Cement will amend the current surety bond to reflect the new amount.

VIII. SIGNATURE REQUIREMENT

I hereby certify that the foregoing is true and correct.

Duane Crutchfield
Signature of Authorized Officer/Representative:

Duane Crutchfield
Name (Typed or Print):

Ash Grove Cement Leamington Plant Manager
Title of Authorized Officer/Representative:

Date: November 24, 1997